

TECHNICAL SUPPORT:

For Technical Support for any Xvision product please contact your local distributor.

LIMITED WARRANTY:

This product is supplied with a 2 Year warranty. The Warranty excludes products that have been misused, (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.



Manufactured exclusively for:
Xvision (Europe) Group,
Head Office: London, U.K.
Email: info@x-vision.co.uk
Web: www.x-vision.co.uk



Model: **VIS238D**
Colour Varifocal Dome
Camera

Before you begin

- Please unpack the box carefully and identify that all the parts are present.

The camera is suitable for indoor or outdoor use. Please bear in mind the following points when choosing a mounting position.

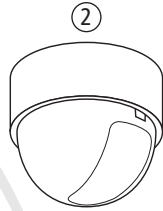
- The camera must be positioned so that it will not point directly into the sun (sunrise and sunset) or any bright light, as this may cause damage to the camera.
- Avoid viewing areas where half the area is in bright sunlight and the other half is dark, such as in the shadow of a building. All types of cameras have difficulty in 'seeing' with such a large lux level variation.
- Do not cut the camera cables, this will void the warranty.
- Make sure you use only the recommended power supply. Damage caused to the camera by incorrect voltage or wiring is not covered by the warranty.

Model:
VIS238D
Colour Varifocal Dome Camera

Package Contents



1. Instruction Manual



2. VIS238D Dome Camera

2. Product Description

THANK YOU VERY MUCH FOR PURCHASING OUR PRODUCT

The VIS238D Colour Varifocal Dome camera is designed for medium to high risk applications. It offers very high resolution 480 TVL images from its Sony 1/3" Super HAD CCD sensor, and has an Xvision Pixel+ Varifocal lens which allows easy selection of the optimum viewing angle required during installation. It will provide images in light levels as low as 0.1 lux. The camera is designed for internal use and for ceiling mounting.

3. Features

- Very High Resolution CCD sensor provides great quality Colour images in light levels of 0.1 lux and above
- Discreet styling for unobtrusive low profile use
- Tamper resistant and easy to clean as all moving parts are behind the dome cover
- Sony 1/3" Super HAD CCD image sensor for 480 TVL resolution images and 0.1 lux low light sensitivity

Specifications

Model:	VIS238D
Picture Type:	Colour
Image Sensor:	Sony 1/3" Super HAD CCD
DSP:	Xvision IXC1
Resolution:	480 TVL
Lens Viewing Angle:	23 to 90°
Infra Red Nightvision:	No
Minimum Illumination:	0.1 Lux
Audio:	No
Operating Voltage:	12V DC 145mA
Suggested Power Supply:	12V DC 300mA Regulated
Mounting:	Ceiling
Weatherproofing:	No
Dimensions (ØxD):	107x88mm

- Xvision IXC1 Digital Signal Processing (DSP) chip which has been optimised for internal viewing and features Automatic Gain Control, Automatic Electronic Iris, Auto White Balance, Back Light Compensation, Low Smear, Edge Enhancement and Zero Colour Rolling
- Xvision Pixel+ Varifocal 3.3 to 12.0mm Auto Iris lens with 23° to 90° viewing angle for super sharp images and easy selection of the optimum viewing angle during installation
- Designed for internal use and ceiling mounting

Installation

- STEP 1: Select a suitable position on the wall or ceiling to install the camera.
- STEP 2: Rotate the dome housing counterclockwise to remove it from the camera housing.
- STEP 3: Secure the camera in the desired ceiling position with the four fixing screws (as shown in Figure 1).

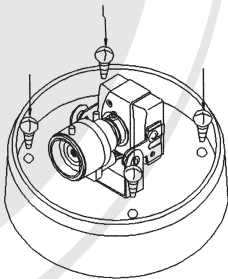
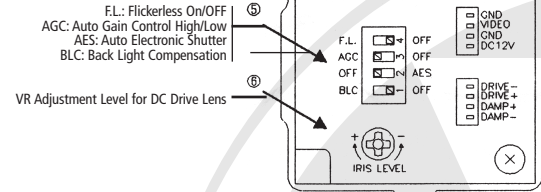


Figure 1

Inside Control Board (Colour Normal Resolution)



5 DIP Switch Setting

- 5.1 Flickerless Function- Set switch -OFF/FL to Flicker to enable flickerless function. In this mode the switch AES/OFF is auto disabled.
- 5.2 AGC-Hi/AGC-Lo Function- Adjusting the switch to AGC indicates AGC-Hi and in the OFF position indicates AGC-Low. In AGC-Hi mode, the maximum AGC gain is approximately 26dB. In AGC-Lo mode, the maximum AGC gain is approximately 16dB.
- 4.3 Auto Iris Function- The switch AES/OFF should be in the OFF position to disable the AES function. Adjust the LEVEL with the VR to the proper level.
- 4.4 BLC Function- Set switch OFF/BLC to BLC position to enable Back Light Compensation (BLC) function

STEP 4: The vertical angle can be adjusted by loosening the 2 screws (as shown in Figure 2) and by turning the camera housing vertically.

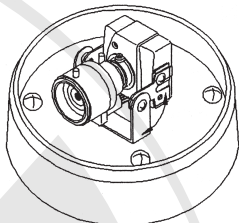


Figure 2

STEP 5: The horizontal angle can be adjusted by loosening the nut on the back and by turning the camera housing horizontally (as shown in Figure 3).

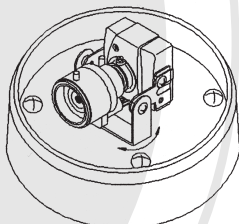


Figure 3

STEP 6: Place the dome cover on the camera and tighten it by turning it clockwise.

How to Operate

1. Connect the video output to the monitor or other video device through a 75 Ohms type coaxial cable.
2. Connect the power source, insert the AC plug into the AC socket and the DC plug into the DC Jack (+12V DC in jack centre).

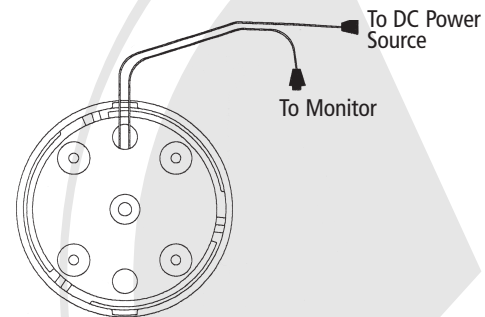


Figure 4

3. Once the picture appears on the monitor, open the cover and make the Zoom Adjustment by rotating the screw (NEAR-Anti-clockwise, FAR-Clockwise) until you get the desired view. Next make the Focal Adjustment by rotating the screw (TELE-Anti-clockwise, WIDE-Clockwise) until you get the desired view.
4. Tighten the two screws, then replace the dome cover.